

Morbidity and

Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER MEIrose 4-5131

For release May 4, 1962

ATLANTA 22, GEORGIA

Vol. 11, No. 17

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 28, 1962

POLIOMYELITIS - Three cases of paralytic poliomyelitis were reported for the week ending April 28. The 3 cases were from Virginia, Missouri, and California. The 90 paralytic cases reported thus far in 1962 are 25 percent less than the number of paralytic cases reported thru this period last year. The comparable figures for paralytic and total cases during the current and past four years are as follows:

	Polio (Cumulative Total) Through 17th Week				
	1962	1961	1960	1959	1958
Paralytic Cases	64	85	188	272	153
Total Cases	90	131	260	383	278

INFLUENZA - No new reports of outbreaks of Type B influenza have been received. An outbreak of A₂ (Asian) Influenza in March in the state of Washington is reported in an Epidemiologic Report. This represents the only institutional or community outbreak of Type A Influenza reported during the current 1961-1962 influenza season.

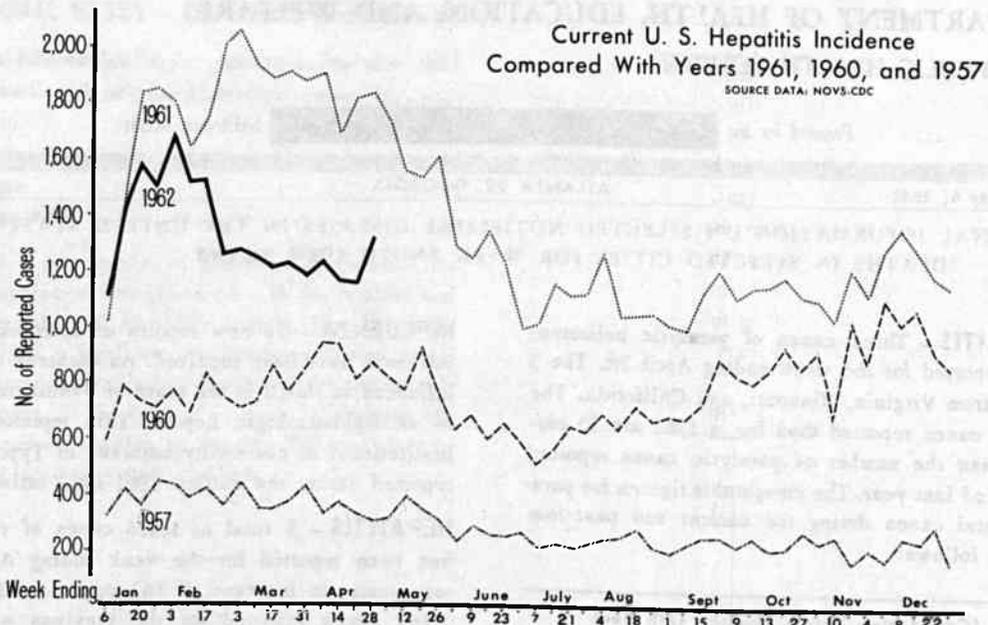
HEPATITIS - A total of 1,326 cases of viral hepatitis has been reported for the week ending April 28. This represents an increase of 162 cases (or 14%) over the 1,164 cases reported for the previous week. This is largely due to a relative increase in incidence of cases in the over 20 age group reported in East South Central, West South Central, Mountain, and Pacific Coast regions.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous week)

Disease	17th Week			Cumulative		
	Ended	Ended	Median 1957 - 1961	First 17 weeks		Median 1957 - 1961
	April 28, 1962	April 29, 1961		1962	1961	
Aseptic meningitis.....	20	21	---	311	410	---
Brucellosis.....	7	10	16	116	177	230
Diphtheria.....	5	5	11	165	234	269
Encephalitis, infectious.....	26	32	35	487	442	440
Hepatitis, infectious and serum...	1,326	1,791	398	22,914	30,328	8,880
Measles.....	23,523	18,177	19,729	264,661	219,098	230,979
Meningococcal infections.....	41	36	48	852	834	956
Poliomyelitis, total.....	3	4	14	90	131	275
Paralytic.....	3	3	7	64	85	150
Nonparalytic.....	-	1	4	11	27	79
Unspecified.....	-	-	3	15	19	46
Streptococcal sore throat and Scarlet fever.....	6,749	7,489	---	145,720	158,029	---
Tetanus.....	3	---	---	42	---	---
Tularemia.....	6	---	---	86	---	---
Typhoid fever.....	8	9	9	129	162	171
Typhus fever, tick-borne, (Rocky Mountain spotted).....	-	---	---	5	---	---
Rabies in Animals.....	107	95	95	1,440	1,219	1,420

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:	Psittacosis: Wis. - 1
Botulism:	Rabies in Man:
Malaria: Mass. - 1, Ill. - 1, N.Y. - 1, Miss. - 1	Smallpox:
Plague:	Typhus, murine:



EPIDEMIOLOGICAL REPORTS

Typhoid Fever - California, 1961

During the year 1961, 79 cases of typhoid fever were reported in California, with one death. The pattern of occurrence of typhoid in California was generally the same in 1961 as had been observed in the previous six years. Of the 79 cases, 35 were contracted in California, 6 in other States, and 38 out of the country (primarily in Mexico). Of the 41 cases contracted in the United States, carrier sources were discovered in 22. The investigation of the carrier sources showed that **grandparents** played an important role in transmission of the disease.

TYPHOID CASES BY CARRIER SOURCE - CALIFORNIA, 1961

Relation to Case	Total
Grandmothers	11
Great-Grandmothers	2
Grandfathers	2
Other Members of Family	3
Patient in Hospital	1
Employer	1
Friend	2
TOTAL	22

(Reported in *California Morbidity* by Philip K. Condit, M.D., Chief, Bureau of Communicable Diseases, California State Department of Public Health.)

A₂-(Asian) Influenza - Washington

Between March 14 and 19, 23 of 52 patients and 17 of 29 staff members at a Washington State Nursing Home developed a severe respiratory disease. Since the nursing home patients were primarily over the age of 70, it was difficult to get good clinical information on symptomatology. However, fever, headache, and myalgia were the

most prominent symptoms in the patient group. Eleven of the 23 ill nursing home patients at one time or other had fevers over 102°, while a number had temperatures as high as 104°. The duration of illness in the patients was less than five days. One death occurred in a 95-year-old cardiac patient on the fourth day of illness. Among the 17 staff members who became sick, the prominent signs and symptoms included cough, chills, fever, headache, and malaise. One to five day absences were observed in the staff members. Sera and throat swabs were obtained from 3 sick individuals. Sera rises against Influenza A₂ were demonstrated in two cases by hemagglutination-inhibition tests.

Four additional titer rises against Type A Influenza have been identified in the State of Washington during 1962. These are shown below:

Case	Date of Illness	Titer to Type A	
		Acute	Conv.
1. 10 yr. old male	Mid-March	Neg.	1:256
2. 6 yr. old male (Brother of 1.)	Mid-March	Neg.	1:64
3. 50 yr. old male	March 8	1:64	>1:256
4. Naval Officer	March 9	1:16	>1:256

The Naval case occurred in an officer who had just traveled from Japan to Seattle aboard a U. S. Naval ship. (Japan had had an A₂ (Asian) Influenza epidemic in February and March of 1962.)

(Reported by Dr. Ernest Ager and Dr. Byron J. Francis, Washington State Health Department.)

1961 POLIOMYELITIS FATALITIES

During 1961, there were 77 fatalities due to poliomyelitis reported to the Poliomyelitis Surveillance Unit of the Communicable Disease Center. Of the 71 deaths in which localization of paralysis was known, 93 percent has some degree of bulbar involvement.

The fatalities are presented in the following table by age group and vaccination history. The number of polio cases with residual paralysis and the paralytic case-fatality ratio (per 100) are also given for each age group.

The age distribution of fatal cases is quite different

from that of paralytic cases. While 39 percent of the paralytic cases were 0-4 years of age, only 14 percent of the fatalities were in this age group. Conversely, over 58 percent of the fatalities, but only one-fourth of the paralytic cases, were 20 years of age or over. The paralytic case-fatality ratio increases with age indicating a more severe involvement in the older age groups. The overall case-fatality ratio of 9.3 per 100 compares with 9.5 in 1960, 8.3 in 1959, and 7.4 in 1958.

POLIOMYELITIS FATALITIES BY AGE GROUP AND VACCINATION HISTORY, UNITED STATES 1961*

Age Group	DOSES OF VACCINE						Total** Paralytic Cases	Paralytic Case Fatality Ratio/100
	0	1-2	3	4+	Unk	Total		
0-4	5	3	3	1	0	11	319	3.4
5-9	9	0	1	2	0	12	184	6.5
10-14	1	1	2	0	0	4	79	5.1
15-19	1	0	3	1	0	5	39	12.8
20-29	10	2	0	0	0	12	106	11.3
30-39	18	4	0	0	2	24	71	33.8
40+	8	0	1	0	0	9	30	30.0
Unk	0	0	0	0	0	0	1	-
Total	52	10	9	4	2	77	829	9.3

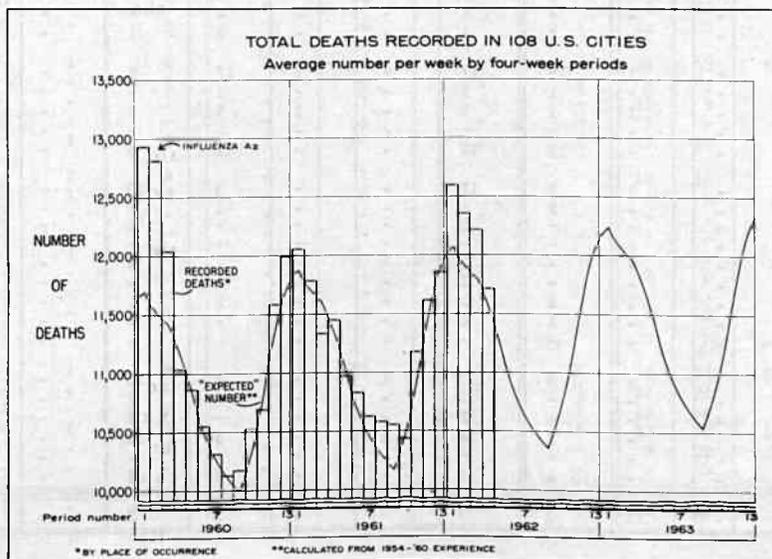
* Fatalities reported to Polio Surveillance Unit, CDC.

** Cases with residual paralysis reported to Polio Surveillance Unit, CDC.

MORTALITY - TOTAL DEATHS REPORTED IN 108 CITIES

For the four-week period ending April 28, deaths from all causes declined to an average of 11,706 per week, but with marked variation during the individual weeks of the period. The average number of deaths in excess of the expected number per week was 177.

	WEEK ENDING				4 Week Total	Weekly Average
	4/7	4/14	4/21	4/28		
Observed	11,849	11,620	11,296	12,058	46,823	11,706
Expected	11,645	11,572	11,492	11,407	46,116	11,529
Excess	204	48	-196	651	707	177



(See table, page 135)

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
APRIL 29, 1961 AND APRIL 28, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, Nonparalytic		Aseptic Meningitis	
	17th week		Cumulative First 17 weeks		17th week		Cumulative First 17 weeks		17th week		17th week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES.....	3	4	90	131	3	3	64	85	-	1	20	21
NEW ENGLAND.....	-	-	1	3	-	-	1	3	-	-	-	-
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	-	-	2	-	-	-	2	-	-	-	-
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	1	1	-	-	1	1	-	-	-	-
MIDDLE ATLANTIC.....	-	-	31	11	-	-	18	10	-	-	1	3
New York.....	-	-	31	5	-	-	18	4	-	-	-	2
New Jersey.....	-	-	-	4	-	-	-	4	-	-	-	1
Pennsylvania.....	-	-	-	2	-	-	-	2	-	-	1	-
EAST NORTH CENTRAL.....	-	2	8	19	-	2	6	13	-	-	3	4
Ohio.....	-	-	4	8	-	-	4	4	-	-	1	-
Indiana.....	-	-	3	2	-	-	2	2	-	-	-	1
Illinois.....	-	2	1	5	-	2	-	5	-	-	1	2
Michigan.....	-	-	-	1	-	-	-	1	-	-	1	1
Wisconsin.....	-	-	-	3	-	-	-	1	-	-	-	-
WEST NORTH CENTRAL.....	1	-	7	4	1	-	4	3	-	-	-	-
Minnesota.....	-	-	1	1	-	-	1	1	-	-	-	-
Iowa.....	-	-	3	1	-	-	2	-	-	-	-	-
Missouri.....	1	-	3	-	1	-	1	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	2	-	-	-	2	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	1	-	7	13	1	-	6	9	-	-	1	1
Delaware.....	-	-	-	2	-	-	-	1	-	-	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	1	-	2	-	1	-	2	-	-	-	1	-
West Virginia.....	-	-	-	2	-	-	-	1	-	-	-	-
North Carolina.....	-	-	1	3	-	-	1	2	-	-	-	-
South Carolina.....	-	-	1	1	-	-	1	1	-	-	-	-
Georgia.....	-	-	1	2	-	-	1	2	-	-	-	1
Florida.....	-	-	2	3	-	-	1	2	-	-	-	-
EAST SOUTH CENTRAL.....	-	-	4	14	-	-	3	3	-	-	4	1
Kentucky.....	-	-	1	13	-	-	1	2	-	-	3	-
Tennessee.....	-	-	1	-	-	-	-	-	-	-	-	-
Alabama.....	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi.....	-	-	2	1	-	-	2	1	-	-	1	1
WEST SOUTH CENTRAL.....	-	1	19	17	-	1	17	8	-	-	-	1
Arkansas.....	-	-	1	1	-	-	1	-	-	-	-	-
Louisiana.....	-	1	5	5	-	1	5	3	-	-	-	-
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	1
Texas.....	-	-	13	11	-	-	11	5	-	-	-	-
MOUNTAIN.....	-	1	5	17	-	-	3	10	-	1	3	1
Montana.....	-	-	2	1	-	-	1	1	-	-	-	-
Idaho.....	-	-	-	3	-	-	-	1	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	3	-	-	-	3	-	-	2	1
New Mexico.....	-	-	-	1	-	-	-	-	-	-	1	-
Arizona.....	-	1	2	3	-	-	2	1	-	1	-	-
Utah.....	-	-	1	6	-	-	-	4	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1	-	8	33	1	-	6	26	-	-	8	10
Washington.....	-	-	-	2	-	-	-	2	-	-	3	2
Oregon.....	-	-	-	2	-	-	-	1	-	-	-	-
California.....	1	-	7	28	1	-	5	22	-	-	5	8
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	-	-	1	1	-	-	1	1	-	-	-	-
Puerto Rico.....	-	1	5	3	-	1	5	3	-	-	-	-

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**Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
APRIL 29, 1961 AND APRIL 28, 1962 - (Continued)**

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, Infectious and serum				Measles	
	17th week	Cumulative 17 weeks	17th week	Cumulative 17 weeks	17th week		17th week				17th week	
							Under 20 yr.	20 & over	Total	Total		
1962	1962	1962	1962	1962	1961	1962	1962	1962	1961	1962	1961	
UNITED STATES.....	7	116	5	165	26	32	684	578	1,326	1,791	23,523	18,177
NEW ENGLAND.....	-	-	-	-	1	1	31	26	60	31	2,800	1,660
Maine.....	-	-	-	-	-	1	12	7	19	7	476	58
New Hampshire.....	-	-	-	-	-	-	1	2	3	5	5	90
Vermont.....	-	-	-	-	-	-	-	-	-	-	137	17
Massachusetts.....	-	-	-	-	-	-	13	13	26	4	1,063	749
Rhode Island.....	-	-	-	-	1	-	-	2	4	2	161	345
Connecticut.....	-	-	-	-	-	-	5	2	8	13	958	401
MIDDLE ATLANTIC.....	-	3	-	2	4	3	92	103	195	258	6,186	3,630
New York.....	-	1	-	2	2	2	39	58	97	87	2,946	1,178
New Jersey.....	-	-	-	-	-	-	12	18	30	68	2,893	1,106
Pennsylvania.....	-	2	-	-	2	1	41	27	68	103	347	1,346
EAST NORTH CENTRAL.....	-	29	1	6	3	5	183	130	327	448	3,187	5,121
Ohio.....	-	2	-	-	1	1	36	23	64	122	871	909
Indiana.....	-	2	1	3	-	-	49	20	73	59	513	261
Illinois.....	-	24	-	-	1	-	59	45	108	61	685	549
Michigan.....	-	1	-	3	1	4	38	40	78	199	888	1,524
Wisconsin.....	-	2	-	-	-	-	1	2	4	7	230	1,878
WEST NORTH CENTRAL.....	2	51	2	30	2	-	24	42	73	226	828	752
Minnesota.....	-	4	-	11	1	-	6	13	21	47	53	96
Iowa.....	1	27	-	1	-	-	1	6	8	56	391	255
Missouri.....	-	2	1	1	-	-	3	2	6	70	188	198
North Dakota.....	-	1	-	-	1	-	3	9	12	3	183	154
South Dakota.....	1	2	1	5	-	-	-	1	1	4	13	1
Nebraska.....	-	6	-	11	-	-	1	1	5	13	-	48
Kansas.....	-	9	-	1	-	-	10	10	20	33	NN	NN
SOUTH ATLANTIC.....	1	9	-	32	7	2	86	45	138	177	1,203	1,908
Delaware.....	-	-	-	-	-	-	1	1	2	2	18	57
Maryland.....	-	-	-	-	3	2	2	5	7	15	206	316
District of Columbia..	-	-	-	1	-	-	-	-	-	1	19	5
Virginia.....	1	4	-	5	-	-	12	9	22	19	297	597
West Virginia.....	-	-	-	1	-	-	12	4	21	52	393	414
North Carolina.....	-	2	-	4	1	-	37	9	46	39	29	142
South Carolina.....	-	-	-	4	2	-	7	1	9	8	65	60
Georgia.....	-	2	-	4	-	-	8	6	14	1	26	45
Florida.....	-	1	-	13	1	-	7	10	17	40	150	272
EAST SOUTH CENTRAL.....	-	4	-	11	1	-	105	42	148	208	1,767	1,050
Kentucky.....	-	-	-	-	-	-	55	9	64	44	392	430
Tennessee.....	-	2	-	4	-	-	33	15	49	98	1,216	468
Alabama.....	-	1	-	3	-	-	6	12	18	22	111	66
Mississippi.....	-	1	-	4	1	-	11	6	17	44	48	86
WEST SOUTH CENTRAL.....	1	8	2	67	3	4	58	43	102	128	4,072	1,082
Arkansas.....	-	1	1	8	1	2	5	5	10	30	5	58
Louisiana.....	-	1	-	7	-	-	15	9	24	7	5	3
Oklahoma.....	-	-	-	3	-	-	1	-	2	15	146	20
Texas.....	1	6	1	49	2	2	37	29	66	76	3,916	1,001
MOUNTAIN.....	2	4	-	7	-	-	13	16	56	101	1,108	635
Montana.....	1	1	-	6	-	-	4	4	10	10	276	35
Idaho.....	-	-	-	-	-	-	-	-	8	13	28	46
Wyoming.....	-	-	-	-	-	-	2	-	2	7	-	22
Colorado.....	1	2	-	-	-	-	-	4	13	42	353	78
New Mexico.....	-	-	-	1	-	-	3	6	10	6	NN	NN
Arizona.....	-	-	-	-	-	-	-	-	7	16	323	409
Utah.....	-	1	-	-	-	-	4	2	6	5	128	22
Nevada.....	-	-	-	-	-	-	-	-	-	2	-	23
PACIFIC.....	1	8	-	10	5	17	92	131	227	214	2,372	2,339
Washington.....	-	-	-	-	1	1	37	21	61	21	693	337
Oregon.....	-	1	-	-	-	1	13	16	29	28	577	230
California.....	1	6	-	5	4	15	33	72	106	156	1,015	1,759
Alaska.....	-	1	-	5	-	-	9	22	31	5	13	11
Hawaii.....	-	-	-	-	-	-	-	-	-	4	74	2
Puerto Rico.....	-	-	-	14	-	-	16	14	30	65	123	27

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

APRIL 29, 1961 AND APRIL 28, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	17th wk.	Cumulative 17 weeks	17th week		17th wk.	17th wk.	17th wk.	17th wk.	Cumulative 17 weeks	17th week		Cumulative 17 weeks
	1962	1962	1962	1961	1962	1962	1962	1962	1962	1962	1961	1962
UNITED STATES.....	41	852	6,749	7,489	3	-	6	8	129	107	95	1,440
NEW ENGLAND.....	3	58	471	645	-	-	-	-	3	-	-	-
Maine.....	-	7	10	24	-	-	-	-	1	-	-	-
New Hampshire.....	-	3	2	15	-	-	-	-	-	-	-	-
Vermont.....	-	2	4	4	-	-	-	-	-	-	-	-
Massachusetts.....	2	23	88	185	-	-	-	-	2	-	-	-
Rhode Island.....	1	5	31	41	-	-	-	-	-	-	-	-
Connecticut.....	-	18	336	376	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	7	125	571	926	2	-	-	1	16	2	1	37
New York.....	4	56	276	560	2	-	-	1	9	1	1	25
New Jersey.....	2	32	103	188	-	-	-	-	5	-	-	-
Pennsylvania.....	1	37	192	178	-	-	-	-	2	1	-	12
EAST NORTH CENTRAL..	9	182	867	1,000	-	-	1	-	17	26	12	283
Ohio.....	2	54	64	267	-	-	-	-	8	18	3	145
Indiana.....	1	19	119	173	-	-	-	-	1	7	3	98
Illinois.....	2	29	226	208	-	-	1	-	3	-	3	21
Michigan.....	3	67	257	164	-	-	-	-	3	-	3	10
Wisconsin.....	1	13	201	188	-	-	-	-	2	1	-	9
WEST NORTH CENTRAL..	5	44	293	200	-	-	-	-	6	26	28	409
Minnesota.....	-	7	28	12	-	-	-	-	-	7	4	75
Iowa.....	2	9	66	69	-	-	-	-	-	11	12	176
Missouri.....	2	11	11	16	-	-	-	-	5	3	5	67
North Dakota.....	-	3	128	48	-	-	-	-	-	-	-	30
South Dakota.....	-	1	2	-	-	-	-	-	-	3	7	50
Nebraska.....	-	6	-	-	-	-	-	-	1	2	-	10
Kansas.....	1	6	58	55	-	-	-	-	-	-	-	1
SOUTH ATLANTIC.....	6	137	433	532	1	-	2	2	19	6	13	114
Delaware.....	2	18	6	10	-	-	-	-	-	-	-	-
Maryland.....	1	6	25	94	-	-	-	-	2	-	-	1
Dist. of Columbia..	-	6	5	5	-	-	-	-	2	-	-	-
Virginia.....	1	26	95	138	-	-	-	-	4	3	7	56
West Virginia.....	-	9	77	191	-	-	-	-	1	1	3	35
North Carolina.....	1	37	25	30	-	-	-	-	-	-	-	-
South Carolina.....	-	9	131	7	-	-	-	-	1	-	-	-
Georgia.....	-	6	21	-	-	-	2	1	5	2	-	4
Florida.....	1	20	48	57	1	-	-	1	4	-	3	18
EAST SOUTH CENTRAL..	-	54	1,213	1,297	-	-	-	-	10	11	15	188
Kentucky.....	-	12	117	285	-	-	-	-	2	5	3	55
Tennessee.....	-	22	1,032	943	-	-	-	-	4	6	11	126
Alabama.....	-	11	5	4	-	-	-	-	4	-	1	7
Mississippi.....	-	9	59	65	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	5	83	752	865	-	-	3	4	43	17	20	293
Arkansas.....	-	9	1	8	-	-	1	1	6	1	5	39
Louisiana.....	2	35	7	4	-	-	-	-	11	1	1	12
Oklahoma.....	-	5	50	35	-	-	-	-	3	1	-	8
Texas.....	3	34	694	818	-	-	2	3	23	14	14	234
MOUNTAIN.....	1	24	1,206	1,047	-	-	-	1	7	3	2	15
Montana.....	-	3	70	38	-	-	-	-	1	-	-	-
Idaho.....	-	3	103	82	-	-	-	-	-	-	-	-
Wyoming.....	-	2	17	69	-	-	-	-	2	-	-	-
Colorado.....	1	5	428	288	-	-	-	1	1	-	-	-
New Mexico.....	-	-	325	216	-	-	-	-	2	2	1	8
Arizona.....	-	8	190	206	-	-	-	-	1	1	1	7
Utah.....	-	-	73	129	-	-	-	-	-	-	-	-
Nevada.....	-	3	-	19	-	-	-	-	-	-	-	-
PACIFIC.....	5	145	943	977	-	-	-	-	8	16	4	101
Washington.....	1	15	260	509	-	-	-	-	-	-	-	-
Oregon.....	-	13	33	73	-	-	-	-	-	1	-	1
California.....	4	112	595	350	-	-	-	-	8	15	4	100
Alaska.....	-	4	21	42	-	-	-	-	-	-	-	-
Hawaii.....	-	1	34	3	-	-	-	-	-	-	-	-
Puerto Rico.....	-	5	3	2	1	-	-	1	1	-	-	7

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Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.°

Area	For weeks ending				Area	For weeks ending			
	4/7	4/14	4/21	4/28		4/7	4/14	4/21	4/28
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.	252	281	236	275	Atlanta, Ga.	100	131	139	95
Bridgeport, Conn.	40	49	31	49	Baltimore, Md.	260	270	250	222
Cambridge, Mass.	29	31	27	43	Charlotte, N.C.	38	41	28	40
Fall River, Mass.	35	24	22	40	Jacksonville, Fla.	75	74	65	62
Hartford, Conn.	46	52	40	60	Miami, Fla.	84	73	76	75
Lowell, Mass.	15	18	24	27	Norfolk, Va.	36	52	44	54
Lynn, Mass.	27	33	24	20	Richmond, Va.	68	80	72	92
New Bedford, Mass.	21	25	24	31*	Savannah, Ga.	33	43	39	26
New Haven, Conn.	57	33	39	46	St. Petersburg, Fla.	75	80	87	80
Providence, R.I.	72	68	79	57	Tampa, Fla.	61	54	79	65
Somerville, Mass.	10	16	14	20	Washington, D.C.	182	203	194	206
Springfield, Mass.	61	43	43	61	Wilmington, Del.	41	33	25	58
Waterbury, Conn.	15	25	25	48	EAST SOUTH CENTRAL:				
Worcester, Mass.	63	55	39	55	Birmingham, Ala.	87	91	115	87
MIDDLE ATLANTIC:					Chattanooga, Tenn.	44	57	36	48
Albany, N.Y.	50	52	36	36	Knoxville, Tenn.	31	20	30	30
Allentown, Pa.	37	31	30	41	Louisville, Ky.	191	104	168	122
Buffalo, N.Y.	131	153	133	132	Memphis, Tenn.	120	121	131	132
Camden, N.J.	36	38	45	47	Mobile, Ala.	56	57	48	50
Elizabeth, N.J.	17	34	20	37	Montgomery, Ala.	31	33	23	35
Erie, Pa.	31	28	37	48	Nashville, Tenn.	64	69	55	62
Jersey City, N.J.	74	79	78	81	WEST SOUTH CENTRAL:				
Newark, N.J.	126	84	86	130	Austin, Tex.	44	40	32	51
New York City, N.Y.	1,728	1,753	1,741	1,795	Baton Rouge, La.	29	34	20	41
Paterson, N.J.	35	25	42	52	Corpus Christi, Tex.	15	32	20	38
Philadelphia, Pa.	597	579	537	542	Dallas, Tex.	151	124	126	135
Pittsburgh, Pa.	271	123	187	229	El Paso, Tex.	37	37	33	41
Reading, Pa.	22	27	30	21	Fort Worth, Tex.	62	54	73	59
Rochester, N.Y.	101	143	129	114	Houston, Tex.	181	163	140	203
Schenectady, N.Y.	28	23	25	32	Little Rock, Ark.	72	55	57	60
Scranton, Pa.	38	42	43	42	New Orleans, La.	169	162	143	203
Syracuse, N.Y.	67	64	67	60	Oklahoma City, Okla.	96	83	60	74
Trenton, N.J.	38	54	45	60	San Antonio, Tex.	95	129	118	99
Utica, N.Y.	33	34	23	30	Shreveport, La.	59	50	46	57
Yonkers, N.Y.	42	36	26	43	Tulsa, Okla.	74	56	40	48
EAST NORTH CENTRAL:					MOUNTAIN:				
Akron, Ohio.	74	39	47	61	Albuquerque, N. Mex.	29	33	41	19
Canton, Ohio.	37	32	44	46	Colorado Springs, Colo.	14	27	16	27
Chicago, Ill.	700	769	674	837	Denver, Colo.	117	117	120	126
Cincinnati, Ohio.	162	163	143	160	Ogden, Utah.	14	9	24	22
Cleveland, Ohio.	205	224	213	213	Phoenix, Ariz.	86	121	99	77
Columbus, Ohio.	132	106	113	120	Pueblo, Colo.	14	16	11	25
Dayton, Ohio.	80	88	74	70	Salt Lake City, Utah.	54	34	60	38
Detroit, Mich.	371	375	353	342	Tucson, Ariz.	45	41	56	49
Evansville, Ind.	39	39	35	47	PACIFIC:				
Flint, Mich.	32	50	51	48	Berkeley, Calif.	9	18	12	21
Fort Wayne, Ind.	29	57	36	47	Fresno, Calif.	46	33	55	41
Gary, Ind.	35	26	45	35*	Glendale, Calif.	41	39	36	43
Grand Rapids, Mich.	51	34	40	44	Honolulu, Hawaii.	54	39	35	39
Indianapolis, Ind.	179	139	138	136	Long Beach, Calif.	63	73	51	58
Madison, Wis.	46	33	36	42	Los Angeles, Calif.	538	474	510	470
Milwaukee, Wis.	133	107	110	144	Oakland, Calif.	99	90	118	105
Peoria, Ill.	30	24	32	24	Pasadena, Calif.	35	41	28	31
Rockford, Ill.	29	30	27	28	Portland, Oreg.	139	105	132	117
South Bend, Ind.	54	43	34	42	Sacramento, Calif.	59	55	63	53
Toledo, Ohio.	112	115	97	112	San Diego, Calif.	85	99	92	88
Youngstown, Ohio.	58	63	58	63	San Francisco, Calif.	222	180	212	208
WEST NORTH CENTRAL:					San Jose, Calif.	33	32	37	35*
Des Moines, Iowa.	56	63	62	56	Seattle, Wash.	115	174	155	129
Duluth, Minn.	24	17	18	25	Spokane, Wash.	64	47	56	49
Kansas City, Kans.	39	43	44	39	Tacoma, Wash.	43	47	42	45
Kansas City, Mo.	142	134	107	148	San Juan, P.R.	21	34	32	26
Lincoln, Nebr.	40	14	26	27	° Current Week Mortality for 108 Selected Cities				
Minneapolis, Minn.	97	138	102	113	4(A) Total Mortality, all ages.	12,058			
Omaha, Nebr.	73	62	74	80	4(B) Pneumonia-Influenza Deaths, all ages.	488			
St. Louis, Mo.	268	222	254	240	4(C) Total Deaths under 1 Year of Age.	740			
St. Paul, Minn.	43	65	52	93	4(D) Total Deaths, Persons 65 years and over.	6,743			
Wichita, Kans.	59	45	48	69					

*Estimate - based on average percent of divisional total
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

Staphylococcal Food Poisoning Aboard a Naval Vessel

Seventeen enlisted personnel aboard a Naval vessel became sick on August 11, 1961, within eight hours of the noonday meal. Approximately 700 men ate the meal. The illness was characterized by nausea, vomiting, abdominal cramps, and diarrhea. The mean incubation period was approximately 3½ hours.

Thirty-seven individuals were questioned regarding history of food consumption. This represented all 17 ill individuals and 20 asymptomatic individuals who had eaten the noonday meal. No selectivity was demonstrated for age, race, service, rate, or berthing area. The following table gives the attack rates for specified foods according to history of consumption:

Food	Total Eating	No. Ill	% Ill	Total Not Eating	No. Ill	% Ill
Corn Chowder	3	1	33	34	16	47
Hamburger	16	5	31	21	12	57
Spaghetti	30	15	50	7	2	28
Stewed Tomatoes	8	5	63	29	12	41
Macaroni Salad	27	16	60	10	1	10*
Sweet Potato Pie	26	11	42	11	6	55

* P < .01

The macaroni was cooked on August 10 for consumption that evening. Some was left over and stored in the refrigerator in the vegetable preparation room over night. It was removed from the refrigerator at 10:00 A.M. on August 11. The mess cook stated it was cold. Chopped pimentos, lettuce, boiled eggs, mayonnaise, and mustard were added shortly after 10:00 A.M. The ingredients were mixed by hand by two mess cooks. The salad was placed on the serving line at 10:30 A.M. for early chow at 11:00 A.M. One of the mess cooks who had helped prepare the salad by hand had several minor cuts on two fingers and a laceration of the nose. However, no gross infection was noted.

Rectal swabs were obtained from 37 individuals who had eaten the noonday meals, 17 of whom were ill and 20 who were asymptomatic. Stool cultures from four ill individuals and from four asymptomatic individuals were positive for *Staphylococcus aureus*. The macaroni salad was also positive for *Staph. aureus*, as was a culture from the finger lacerations of the mess cook who had prepared the salad. The cutting board in the butcher shop was bacteriologically negative. The staphylococci were non-typable by phage typing techniques.

(Reported by Lt. Stephen J. Kendra, M.C., Epidemiology Officer, U. S. Navy Preventive Medicine Unit No. 2, Norfolk 11, Virginia.)

INTERNATIONAL NOTES - QUARANTINE MEASURES**Immunization Information for International Travel**

1961 edition Public Health Service Publication No. 384
The following name should be added to the list of Yellow Fever Vaccination Centers in Section 6:

City

Midland, Michigan

Center

Midland City-County Health Department,
Courthouse Annex, 301 Main Street

Telephone: TEmple 5-7781

Clinic Hours

Thursday, 10 a.m., by appointment

Fee

Yes

Library
81
7 61
CDC

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta 22, Georgia
Official Business



POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.